

MASAKAZU HISHINUMA, et al.  
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REMARKS

Claims 12-27 are pending.

Claims 12-27 stand rejected under 35 USC §103(a) as being unpatentable over JP 04-121,964 in combination with JP 04-169,067 and Hazbun (U.S. Patent No. 4,791,079) further in combination with Matsuzaki (U.S. Patent No. 5,474,800).

This rejection is respectfully traversed and reconsideration is respectfully requested.

It is respectfully submitted that there is a logical jump in the Examiner's rejection based on the combination of cited references. It is respectfully submitted that all of the cited references uses a simple mixture of YSZ and  $\text{CeO}_2$  as a material of fuel electrode of SOFC (solid oxide fuel cell), while the present invention uses a material such that "Ce" is used as a dopant and is doped into YSZ.

With the present invention, by doping "Ce" into YSZ, it becomes possible to improve the electron conductivity within YSZ and the activity of "Oxygen ( $\text{O}_2$ ) ↔ Oxygen Ion Reaction" on the surface of YSZ, so that many advantages and effects as described in detail in the specification of the present application may be obtained.

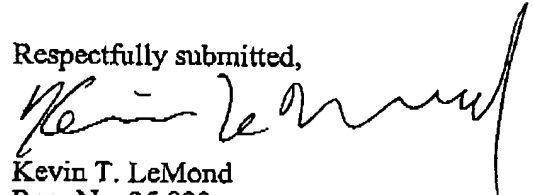
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CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance and an action to that end is urged. If the Examiner believes a telephone conference would aid in the prosecution of this case in any way, please call the undersigned at 415-576-0200.

Respectfully submitted,



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